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PATENT TRADEMARK OFFICE

CHAPTER II

TRANSMITTAL LETTER TO THE UNITED STATES ELECTED OFFICE (EO/US) (ENTRY INTO U.S. NATIONAL PHASE UNDER CHAPTER II)

INTERNATIONAL APPLICATION NO.			INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/FI03/00301			16 APRIL 2003	19 APRIL 2002
TITLE OF INVEN	TION			
		SPRAYING	HEAD	
APPLICANT(S)				
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	3.	HONKANEN,	, Aimo	
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INFORMATION DISCLOSURE STATEMENT

We draw the attention of the Examiner to the attached English-language version of an

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EXPRESS MAIL LABEL NO.: EV 481671013 US

International-type Search Report from a foreign office in respect of counterpart International Application No. PCT/FI03/00301 that indicates the degree of relevance found by the foreign office. The Search Report makes consideration of any non-English art required. MPEP 609.

Form PTO-1449 is also attached with reference copy.

Respectfully submitted,

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NEW YORK, NEW YORK 10023

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International application No. PCT/FI 03/00301

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: F02M 25/028, B05B 1/14
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: F02M, B05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Х	US 2003000773 A1 (W. ENGLER ET AL), 2 January 2003 (02.01.03), figures 1-5, abstract	1-10
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A	US 4757787 A (A. RISITANO ET AL), 19 July 1988 (19.07.88), figures 1,2,5, abstract	
A	US 4406255 A (T.P. GOODMAN), 27 Sept 1983 (27.09.83), figures 1-6, abstract	
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A	US 4051815 A (L.E. COBERLEY), 4 October 1977 (04.10.77), figures 1-12, abstract	
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<u> </u>	er documents are listed in the continuation of Box C. X See patent family annex	

*	Special categories of cited documents:	W-J-W	loter dominant multiplied of the state of the state of CY		
"A"			later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention		
"E"	carlier application or patent but published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be		
″L.*	cited to establish the publication date of another citation or other		considered novel or cannot be considered to involve an inventive step when the document is taken alone		
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	the priority date claimed		"&" document member of the same patent family		
Date	Date of the actual completion of the international search		Date of mailing of the international search report		
		Q 8 -07- 2003			
	July 2003		~ •		
Nan	Name and mailing address of the ISA/		Authorized officer		
Swe	dish Patent Office				
Box	Box 5055, S-102 42 STOCKHOLM		Dan Ionesco / MRo		
Facs	Facsimile No. + 46 8 666 02 86		Telephone No. + 46 8 782 25 00		
	PCT/ISA/210 (second sheet) (July 1008)				

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INTERNATION SEARCH REPORT Information on patent family members

29/06/03

International application No.
PCT/FI 03/00301

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US	3911871	Α	14/10/75	NONE		

Form PCT/ISA/210 (patent family annex) (July 1998)



International application No. PCT/FI 03/00301

	Charles of Assessment with the Head to the control of the control		D.1
Category*	Citation of document, with indication, where appropriate, of the rele	vant passages	Relevant to claim N
A	US 3911871 A (E.A. WILLIAMS ET AL), 14 October 1975 (14.10.75), figures 1-4, abstract		
A	PATENT ABSTRACT OF JAPAN vol. 1997, no. 04, 30 April 1997 (1997-04-30) & JP 08 338317 A (READ KOGYO KK), 24 December 1996 (1996-12-24) abstract		
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DT05 Rec'd PCT/PT0 | 5 0CT 2004/1 ATTY. DOCKET FORM PTO-1449 U. S DEPAR NT OF COMMERCE PATENT AND TRADEMARK OFFICE U 015415-0 INFORMATION DISCLOSURE APPLICANT STATEMENT BY APPLICANT TIMO MAHLANEN, et al (Use several sheets if necessary) **FILING DATE GROUP** U.S. PATENT DOCUMENTS FILING DATE IF **DOCUMENT EXAMINER** REFERENCE INITIALS APPROPRIATE NUMBER DATE NAME DESIGNATION 2003000773 A1 JAN. 2, 2003 W. ENGLER, et al AA AΒ 4757787 JULY 19, 1988 A. RISITANO, et al T.P. GOODMAN 4406255 SEPT. 27, 1983 AC L.E. COBERLEY OCT. 4, 1977 4051815 A AD 3911871 A OCT. 14, 1975 E.A. WILLIAMS, et al ΑE AF AG AΗ ΑI ΑJ ΑK FOREIGN PATENT DOCUMENTS TRANSLATION **DOCUMENT** DATE COUNTRY NUMBER YES NO DEC. 24, 1996 **JAPAN** AL 08-338317 AM AN AO AP OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.) PATENT ABSTRACT OF JAPAN 08-338317 PUBLISHED DECEMBER 24, 1996 AR

EXAMINER DATE CONSIDERED

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Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.